

Title (en)  
COMPENSATOR

Title (de)  
KOMPENSATOR

Title (fr)  
COMPENSATEUR

Publication  
**EP 3262331 A1 20180103 (DE)**

Application  
**EP 16705034 A 20160213**

Priority  
• DE 102015002105 A 20150223  
• EP 2016000248 W 20160213

Abstract (en)  
[origin: WO2016134828A1] A compensator (10), having a first corrugated bellows section (11), having a second corrugated bellows section (12), having an intermediate pipe section (13) which is positioned between the first corrugated bellows section (11) and the second corrugated bellows section (12), having a first attachment flange (14) and having a second attachment flange (15), wherein the first corrugated bellows section (11) engages on the first attachment flange (14) and intermediate pipe section (13), wherein the second corrugated bellows section (12) engages on the second attachment flange (15) and intermediate pipe section (13), having an intermediate flange (16) which is positioned between the first attachment flange (14) and the second attachment flange (15) and which surrounds the intermediate pipe section (13) at the outside without a connection, or without a rigid connection, to said intermediate pipe section, wherein the intermediate flange (16) is connected by way of first tension rods (17) to the first attachment flange and by way of second tension rods (18) to the second attachment flange.

IPC 8 full level  
**F16L 51/03** (2006.01)

CPC (source: CN EP KR US)  
**F01N 13/1816** (2013.01 - US); **F16L 27/0861** (2013.01 - KR); **F16L 51/03** (2013.01 - CN EP KR US); **F16L 51/035** (2013.01 - CN EP US); **F01N 2470/12** (2013.01 - US); **F16L 27/0861** (2013.01 - EP US)

Citation (search report)  
See references of WO 2016134828A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016134828 A1 20160901**; CN 107250647 A 20171013; CN 107250647 B 20200114; DE 102015002105 A1 20160908; EP 3262331 A1 20180103; EP 3262331 B1 20191030; JP 2018507365 A 20180315; JP 6454024 B2 20190116; KR 20170097773 A 20170828; US 10533483 B2 20200114; US 2018030877 A1 20180201

DOCDB simple family (application)  
**EP 2016000248 W 20160213**; CN 201680011769 A 20160213; DE 102015002105 A 20150223; EP 16705034 A 20160213; JP 2017544605 A 20160213; KR 20177020654 A 20160213; US 201615552721 A 20160213